

ABSTRACT OF THE DISCLOSURE

In a solid-state image pickup device including a light receiving sensor portion in a surface layer portion of a substrate, an in-layer lens disposed above the light receiving sensor portion, a color filter disposed on the in-layer lens, and an interlayer film disposed below the in-layer lens, an antireflection film is formed between the in-layer lens and the color filter, the antireflection film being formed of material having a refractive index which is an intermediate value between the refractive index of the in-layer lens and the refractive index of the color filter. Further, another antireflection film is formed between the in-layer lens and the interlayer film, the other antireflection film being formed of material having a refractive index which is an intermediate value between the refractive index of the in-layer lens and the refractive index of the interlayer film.